# Geological Magazine

Ediacaran initial subduction and Cambrian slab rollback of the Junggar Ocean: New evidence from plutons and gabbro enclave in West Junggar, NW China

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Supplementary Material

Supplementary Table S1. LA-ICP-MS U-Pb data of zircons from adakitic and non-adakitic rocks

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| Supplementary Table S1 LA-ICP-MS U-Pb data of zircons from adakitic and non-adakitic rocks |
| Spot number |  |  |  |  |  |  | Isotopic ratios |  |  |  | Age（Ma） |  |  |
| Th |  | U |  | Th/U |  | 207Pb/206Pb | 　 | 207Pb/235U | 　 | 206Pb/238U | 　 | 207Pb/206Pb | 　 | 207Pb/235U | 　 | 206Pb/238U |  | Con. |
| ppm |  | ppm |  |  |  | Ratio | 1σ |  | Ratio | 1σ |  | Ratio | 1σ |  | Age | 1σ |  | Age | 1σ |  | Age | 1σ |  | % |
| 190621-01 |
| 1 | 865 |  | 909 |  | 0.95  |  | 0.0584  | 0.0013  |  | 0.7206  | 0.0164  |  | 0.0891  | 0.0012  |  | 546  | 48  |  | 551  | 10  |  | 550  | 7  |  | 99  |
| 2 | 1282 |  | 1253 |  | 1.02  |  | 0.0586  | 0.0011  |  | 0.7233  | 0.0182  |  | 0.0892  | 0.0017  |  | 550  | 41  |  | 553  | 11  |  | 551  | 6  |  | 99  |
| 3 | 634 |  | 742 |  | 0.85  |  | 0.0579  | 0.0013  |  | 0.7195  | 0.0253  |  | 0.0894  | 0.0018  |  | 528  | 50  |  | 550  | 15  |  | 552  | 9  |  | 99  |
| 4 | 168 |  | 237 |  | 0.71  |  | 0.0582  | 0.0052  |  | 0.7140  | 0.0593  |  | 0.0889  | 0.0016  |  | 539  | 96  |  | 547  | 35  |  | 549  | 10  |  | 99  |
| 5 | 600 |  | 744 |  | 0.81  |  | 0.0583  | 0.0018  |  | 0.7159  | 0.0231  |  | 0.0887  | 0.0010  |  | 539  | 67  |  | 548  | 14  |  | 548  | 6  |  | 99  |
| 6 | 516 |  | 630 |  | 0.82  |  | 0.0578  | 0.0015  |  | 0.7110  | 0.0178  |  | 0.0891  | 0.0011  |  | 520  | 56  |  | 545  | 11  |  | 550  | 7  |  | 99  |
| 7 | 1465 |  | 1462 |  | 1.00  |  | 0.0571  | 0.0010  |  | 0.7042  | 0.0149  |  | 0.0891  | 0.0012  |  | 494  | 71  |  | 541  | 9  |  | 551  | 7  |  | 98  |
| 8 | 823 |  | 898 |  | 0.92  |  | 0.0590  | 0.0015  |  | 0.6766  | 0.0180  |  | 0.0829  | 0.0008  |  | 569  | 49  |  | 525  | 11  |  | 513  | 5  |  | 97  |
| 9 | 1411 |  | 1025 |  | 1.38  |  | 0.0589  | 0.0018  |  | 0.7430  | 0.0207  |  | 0.0926  | 0.0021  |  | 565  | 65  |  | 564  | 12  |  | 571  | 12  |  | 98  |
| 10 | 649 |  | 750 |  | 0.86  |  | 0.0578  | 0.0013  |  | 0.7125  | 0.0186  |  | 0.0891  | 0.0011  |  | 524  | 50  |  | 546  | 11  |  | 550  | 7  |  | 99  |
| 11 | 1467 |  | 1452 |  | 1.01  |  | 0.0585  | 0.0015  |  | 0.7489  | 0.0170  |  | 0.0927  | 0.0007  |  | 569  | 53  |  | 570  | 10  |  | 570  | 8  |  | 98  |
| 12 | 744 |  | 836 |  | 0.89  |  | 0.0561  | 0.0020  |  | 0.6832  | 0.0239  |  | 0.0882  | 0.0008  |  | 454  | 78  |  | 529  | 14  |  | 545  | 5  |  | 96  |
| 13 | 532 |  | 672 |  | 0.79  |  | 0.0565  | 0.0014  |  | 0.6967  | 0.0240  |  | 0.0892  | 0.0021  |  | 472  | 56  |  | 537  | 14  |  | 551  | 7  |  | 97  |
| 14 | 227 |  | 313 |  | 0.73  |  | 0.0582  | 0.0017  |  | 0.7177  | 0.0249  |  | 0.0892  | 0.0014  |  | 600  | 60  |  | 549  | 15  |  | 551  | 8  |  | 99  |
| 15 | 851 |  | 966 |  | 0.88  |  | 0.0583  | 0.0013  |  | 0.6675  | 0.0149  |  | 0.0830  | 0.0007  |  | 539  | 44  |  | 519  | 9  |  | 514  | 4  |  | 98  |
| 16 | 248 |  | 388 |  | 0.64  |  | 0.0572  | 0.0019  |  | 0.7009  | 0.0211  |  | 0.0891  | 0.0012  |  | 502  | 69  |  | 539  | 13  |  | 550  | 7  |  | 98  |
| 17 | 732 |  | 825 |  | 0.89  |  | 0.0586  | 0.0013  |  | 0.7225  | 0.0200  |  | 0.0892  | 0.0013  |  | 550  | 55  |  | 552  | 12  |  | 551  | 8  |  | 99  |
| 18 | 238 |  | 384 |  | 0.62  |  | 0.0594  | 0.0024  |  | 0.7322  | 0.0298  |  | 0.0891  | 0.0011  |  | 589  | 82  |  | 558  | 17  |  | 550  | 7  |  | 98  |
| ~~19~~ | ~~522~~ |  | ~~559~~ |  | ~~0.93~~  |  | ~~0.0569~~  | ~~0.0019~~  |  | ~~0.6848~~  | ~~0.0149~~  |  | ~~0.0832~~  | ~~0.0006~~  |  | ~~1120~~  | ~~77~~  |  | ~~524~~  | ~~19~~  |  | ~~515~~  | ~~10~~  |  | ~~77~~  |
| 20 | 368 |  | 427 |  | 0.86  |  | 0.0637  | 0.0023  |  | 0.7255  | 0.0326  |  | 0.0890  | 0.0020  |  | 731  | 76  |  | 589  | 19  |  | 549  | 8  |  | 96  |
| 21 | 120 |  | 164 |  | 0.73  |  | 0.0568  | 0.0017  |  | 0.0367  | 0.0265  |  | 0.0937  | 0.0024  |  | 646  | 84  |  | 573  | 33  |  | 565  | 11  |  | 99  |
| 22 | 657 |  | 759 |  | 0.86  |  | 0.0575  | 0.0015  |  | 0.7124  | 0.0200  |  | 0.0892  | 0.0010  |  | 522  | 57  |  | 546  | 12  |  | 551  | 6  |  | 99  |
| 190624-01 |
| 1 | 76  |  | 194  |  | 0.39  |  | 0.0546  | 0.0022  |  | 0.6444  | 0.0297  |  | 0.0850  | 0.0015  |  | 398  | 89  |  | 505  | 18  |  | 526  | 9  |  | 95  |
| 2 | 38  |  | 103  |  | 0.37  |  | 0.0569  | 0.0061  |  | 0.6634  | 0.0710  |  | 0.0850  | 0.0026  |  | 487  | 117  |  | 517  | 43  |  | 526  | 9  |  | 98  |
| 3 | 161  |  | 261  |  | 0.62  |  | 0.0565  | 0.0022  |  | 0.6623  | 0.0263  |  | 0.0848  | 0.0016  |  | 472  | 92  |  | 516  | 16  |  | 525  | 9  |  | 98  |
| 4 | 170  |  | 290  |  | 0.58  |  | 0.0574  | 0.0019  |  | 0.6736  | 0.0235  |  | 0.0847  | 0.0016  |  | 509  | 70  |  | 523  | 14  |  | 524  | 9  |  | 99  |
| 5 | 106  |  | 182  |  | 0.58  |  | 0.0564  | 0.0028  |  | 0.6533  | 0.0303  |  | 0.0848  | 0.0016  |  | 465  | 111  |  | 511  | 19  |  | 525  | 10  |  | 97  |
| 6 | 122  |  | 256  |  | 0.48  |  | 0.0565  | 0.0020  |  | 0.6623  | 0.0240  |  | 0.0847  | 0.0015  |  | 472  | 78  |  | 516  | 15  |  | 524  | 9  |  | 98  |
| 7 | 80  |  | 194  |  | 0.41  |  | 0.0573  | 0.0035  |  | 0.6730  | 0.0401  |  | 0.0849  | 0.0013  |  | 502  | 75  |  | 523  | 24  |  | 526  | 8  |  | 99  |
| 8 | 474  |  | 1394  |  | 0.34  |  | 0.0577  | 0.0013  |  | 0.6860  | 0.0223  |  | 0.0850  | 0.0018  |  | 517  | 45  |  | 530  | 13  |  | 526  | 11  |  | 99  |
| 9 | 116  |  | 228  |  | 0.51  |  | 0.0596  | 0.0040  |  | 0.6609  | 0.0520  |  | 0.0847  | 0.0058  |  | 591  | 88  |  | 515  | 32  |  | 524  | 10  |  | 98  |
| 10 | 85  |  | 220  |  | 0.39  |  | 0.0595  | 0.0028  |  | 0.7036  | 0.0366  |  | 0.0849  | 0.0019  |  | 583  | 102  |  | 541  | 22  |  | 525  | 9  |  | 97  |
| 11 | 1334  |  | 2198  |  | 0.61  |  | 0.0572  | 0.0015  |  | 0.6741  | 0.0255  |  | 0.0848  | 0.0023  |  | 502  | 62  |  | 523  | 15  |  | 524  | 11  |  | 99  |
| 12 | 179  |  | 367  |  | 0.49  |  | 0.0556  | 0.0029  |  | 0.6504  | 0.0340  |  | 0.0844  | 0.0027  |  | 439  | 107  |  | 509  | 21  |  | 523  | 8  |  | 97  |
| 13 | 88  |  | 238  |  | 0.37  |  | 0.0571  | 0.0032  |  | 0.6809  | 0.0531  |  | 0.0847  | 0.0027  |  | 498  | 96  |  | 527  | 32  |  | 524  | 10  |  | 99  |
| 14 | 224  |  | 303  |  | 0.74  |  | 0.0558  | 0.0020  |  | 0.6603  | 0.0289  |  | 0.0849  | 0.0019  |  | 443  | 80  |  | 515  | 18  |  | 525  | 7  |  | 97  |
| 15 | 154  |  | 304  |  | 0.51  |  | 0.0606  | 0.0040  |  | 0.7015  | 0.0753  |  | 0.0845  | 0.0053  |  | 633  | 104  |  | 540  | 45  |  | 523  | 11  |  | 96  |
| 16 | 289  |  | 681  |  | 0.42  |  | 0.0561  | 0.0013  |  | 0.6841  | 0.0199  |  | 0.0876  | 0.0014  |  | 454  | 19  |  | 529  | 12  |  | 541  | 9  |  | 97  |
| 17 | 107  |  | 222  |  | 0.48  |  | 0.0580  | 0.0023  |  | 0.6824  | 0.0282  |  | 0.0848  | 0.0013  |  | 528  | 87  |  | 528  | 17  |  | 525  | 8  |  | 99  |
| 18 | 126  |  | 253  |  | 0.50  |  | 0.0593  | 0.0023  |  | 0.7006  | 0.0336  |  | 0.0846  | 0.0022  |  | 589  | 81  |  | 539  | 20  |  | 524  | 9  |  | 97  |
| 19 | 127  |  | 250  |  | 0.51  |  | 0.0589  | 0.0033  |  | 0.6912  | 0.0371  |  | 0.0847  | 0.0014  |  | 565  | 102  |  | 534  | 22  |  | 524  | 8  |  | 98  |
| 20 | 1085  |  | 1678  |  | 0.65  |  | 0.0562  | 0.0012  |  | 0.6623  | 0.0157  |  | 0.0849  | 0.0013  |  | 461  | 46  |  | 516  | 10  |  | 525  | 8  |  | 98  |
| 190625-01 |
| 1 | 120  |  | 313  |  | 0.38  |  | 0.0581  | 0.0021  |  | 0.6845  | 0.0266  |  | 0.0854  | 0.0012  |  | 532  | 80  |  | 530  | 16  |  | 528  | 7  |  | 99  |
| 2 | 66  |  | 170  |  | 0.39  |  | 0.0573  | 0.0028  |  | 0.6737  | 0.0323  |  | 0.0856  | 0.0019  |  | 506  | 106  |  | 523  | 20  |  | 529  | 11  |  | 98  |
| 3 | 120  |  | 220  |  | 0.54  |  | 0.0582  | 0.0021  |  | 0.6873  | 0.0255  |  | 0.0857  | 0.0012  |  | 600  | 78  |  | 531  | 15  |  | 530  | 7  |  | 99  |
| 4 | 58  |  | 170  |  | 0.34  |  | 0.0599  | 0.0020  |  | 0.7061  | 0.0281  |  | 0.0853  | 0.0014  |  | 598  | 105  |  | 542  | 17  |  | 528  | 9  |  | 97  |
| 5 | 61  |  | 141  |  | 0.43  |  | 0.0557  | 0.0028  |  | 0.6540  | 0.0334  |  | 0.0852  | 0.0019  |  | 439  | 109  |  | 511  | 21  |  | 527  | 11  |  | 96  |
| 6 | 142  |  | 222  |  | 0.64  |  | 0.0568  | 0.0028  |  | 0.6688  | 0.0330  |  | 0.0855  | 0.0017  |  | 483  | 109  |  | 520  | 20  |  | 529  | 10  |  | 98  |
| 7 | 50  |  | 129  |  | 0.39  |  | 0.0559  | 0.0024  |  | 0.6530  | 0.0269  |  | 0.0855  | 0.0018  |  | 450  | 96  |  | 510  | 17  |  | 529  | 11  |  | 96  |
| 8 | 44  |  | 121  |  | 0.37  |  | 0.0597  | 0.0033  |  | 0.6996  | 0.0386  |  | 0.0853  | 0.0018  |  | 591  | 114  |  | 539  | 23  |  | 528  | 11  |  | 98  |
| 9 | 98  |  | 213  |  | 0.46  |  | 0.0572  | 0.0020  |  | 0.6750  | 0.0238  |  | 0.0855  | 0.0011  |  | 498  | 76  |  | 524  | 14  |  | 529  | 7  |  | 99  |
| 10 | 109  |  | 230  |  | 0.48  |  | 0.0575  | 0.0021  |  | 0.6793  | 0.0250  |  | 0.0855  | 0.0013  |  | 522  | 81  |  | 526  | 15  |  | 529  | 8  |  | 99  |
| 11 | 67  |  | 176  |  | 0.38  |  | 0.0574  | 0.0028  |  | 0.6760  | 0.0314  |  | 0.0856  | 0.0016  |  | 509  | 106  |  | 524  | 19  |  | 529  | 9  |  | 99  |
| 12 | 169  |  | 356  |  | 0.47  |  | 0.0592  | 0.0016  |  | 0.6991  | 0.0193  |  | 0.0856  | 0.0010  |  | 572  | 55  |  | 538  | 12  |  | 529  | 6  |  | 98  |
| 13 | 152  |  | 238  |  | 0.64  |  | 0.0578  | 0.0020  |  | 0.6828  | 0.0256  |  | 0.0854  | 0.0012  |  | 520  | 80  |  | 528  | 15  |  | 528  | 7  |  | 99  |
| 14 | 148  |  | 322  |  | 0.46  |  | 0.0594  | 0.0021  |  | 0.7015  | 0.0250  |  | 0.0855  | 0.0011  |  | 583  | 78  |  | 540  | 15  |  | 529  | 7  |  | 97  |
| 15 | 131  |  | 237  |  | 0.55  |  | 0.0576  | 0.0022  |  | 0.6801  | 0.0256  |  | 0.0856  | 0.0012  |  | 522  | 83  |  | 527  | 15  |  | 530  | 7  |  | 99  |
| 16 | 78  |  | 162  |  | 0.48  |  | 0.0573  | 0.0026  |  | 0.6724  | 0.0250  |  | 0.0855  | 0.0015  |  | 506  | 72  |  | 522  | 15  |  | 529  | 9  |  | 98  |
| 17 | 110  |  | 215  |  | 0.51  |  | 0.0570  | 0.0019  |  | 0.6738  | 0.0224  |  | 0.0856  | 0.0013  |  | 500  | 74  |  | 523  | 14  |  | 530  | 8  |  | 98  |
| 18 | 204  |  | 365  |  | 0.56  |  | 0.0573  | 0.0018  |  | 0.6455  | 0.0221  |  | 0.0814  | 0.0013  |  | 506  | 72  |  | 506  | 14  |  | 510  | 8  |  | 99  |
| 19 | 194  |  | 294  |  | 0.66  |  | 0.0576  | 0.0020  |  | 0.6804  | 0.0219  |  | 0.0856  | 0.0014  |  | 522  | 74  |  | 527  | 13  |  | 530  | 8  |  | 99  |
| 20 | 514  |  | 421  |  | 1.22  |  | 0.0569  | 0.0017  |  | 0.6710  | 0.0197  |  | 0.0856  | 0.0014  |  | 487  | 67  |  | 521  | 12  |  | 529  | 8  |  | 98  |
| 21 | 77  |  | 155  |  | 0.50  |  | 0.0616  | 0.0028  |  | 0.7187  | 0.0337  |  | 0.0855  | 0.0027  |  | 661  | 100  |  | 550  | 20  |  | 529  | 16  |  | 96  |
| 22 | 156  |  | 273  |  | 0.57  |  | 0.0566  | 0.0018  |  | 0.6739  | 0.0218  |  | 0.0861  | 0.0013  |  | 476  | 69  |  | 523  | 13  |  | 533  | 8  |  | 98  |
| 23 | 135  |  | 248  |  | 0.55  |  | 0.0567  | 0.0023  |  | 0.6752  | 0.0305  |  | 0.0859  | 0.0013  |  | 480  | 91  |  | 524  | 18  |  | 531  | 8  |  | 98  |
| 24 | 111  |  | 199  |  | 0.56  |  | 0.0568  | 0.0028  |  | 0.6740  | 0.0308  |  | 0.0862  | 0.0016  |  | 487  | 109  |  | 523  | 19  |  | 533  | 9  |  | 98  |
| 190629-01 |
| 1 | 62  |  | 228  |  | 0.27  |  | 0.0589  | 0.0023  |  | 0.6742  | 0.0256  |  | 0.0826  | 0.0010  |  | 565  | 88  |  | 523  | 16  |  | 512  | 6  |  | 97  |
| 2 | 174  |  | 467  |  | 0.37  |  | 0.0574  | 0.0015  |  | 0.6694  | 0.0181  |  | 0.0842  | 0.0011  |  | 509  | 56  |  | 520  | 11  |  | 521  | 7  |  | 99  |
| 3 | 46  |  | 199  |  | 0.23  |  | 0.0564  | 0.0023  |  | 0.6527  | 0.0250  |  | 0.0842  | 0.0013  |  | 478  | 89  |  | 510  | 15  |  | 521  | 8  |  | 97  |
| 4 | 75  |  | 220  |  | 0.34  |  | 0.0557  | 0.0022  |  | 0.6470  | 0.0274  |  | 0.0839  | 0.0014  |  | 439  | 89  |  | 507  | 17  |  | 519  | 8  |  | 97  |
| 5 | 32  |  | 126  |  | 0.25  |  | 0.0585  | 0.0026  |  | 0.6804  | 0.0314  |  | 0.0840  | 0.0014  |  | 546  | 94  |  | 527  | 19  |  | 520  | 8  |  | 98  |
| 6 | 75  |  | 310  |  | 0.24  |  | 0.0580  | 0.0023  |  | 0.6734  | 0.0282  |  | 0.0839  | 0.0015  |  | 532  | 87  |  | 523  | 17  |  | 520  | 9  |  | 99  |
| 7 | 153  |  | 373  |  | 0.41  |  | 0.0583  | 0.0023  |  | 0.6766  | 0.0254  |  | 0.0841  | 0.0015  |  | 543  | 89  |  | 525  | 15  |  | 521  | 9  |  | 99  |
| 8 | 98  |  | 223  |  | 0.44  |  | 0.0568  | 0.0024  |  | 0.6592  | 0.0294  |  | 0.0839  | 0.0012  |  | 483  | 94  |  | 514  | 18  |  | 519  | 7  |  | 99  |
| 9 | 75  |  | 310  |  | 0.24  |  | 0.0575  | 0.0022  |  | 0.6634  | 0.0287  |  | 0.0829  | 0.0014  |  | 535  | 87  |  | 521  | 17  |  | 521  | 9  |  | 99  |
| 10 | 110  |  | 373  |  | 0.29  |  | 0.0577  | 0.0017  |  | 0.6686  | 0.0197  |  | 0.0839  | 0.0011  |  | 517  | 68  |  | 520  | 12  |  | 519  | 6  |  | 99  |
| 11 | 119  |  | 413  |  | 0.29  |  | 0.0591  | 0.0015  |  | 0.6847  | 0.0160  |  | 0.0841  | 0.0009  |  | 569  | 56  |  | 530  | 10  |  | 520  | 6  |  | 98  |
| 12 | 192  |  | 399  |  | 0.48  |  | 0.0582  | 0.0020  |  | 0.6753  | 0.0258  |  | 0.0839  | 0.0012  |  | 600  | 78  |  | 524  | 16  |  | 519  | 7  |  | 99  |
| 13 | 68  |  | 232  |  | 0.29  |  | 0.0608  | 0.0024  |  | 0.7290  | 0.0307  |  | 0.0866  | 0.0015  |  | 632  | 88  |  | 556  | 18  |  | 535  | 9  |  | 96  |
| 14 | 133  |  | 425  |  | 0.31  |  | 0.0575  | 0.0019  |  | 0.6674  | 0.0227  |  | 0.0839  | 0.0008  |  | 509  | 74  |  | 519  | 14  |  | 520  | 5  |  | 99  |
| 15 | 41  |  | 190  |  | 0.21  |  | 0.0590  | 0.0020  |  | 0.6856  | 0.0247  |  | 0.0839  | 0.0011  |  | 565  | 69  |  | 530  | 15  |  | 519  | 7  |  | 97  |
| 16 | 32  |  | 126  |  | 0.25  |  | 0.0575  | 0.0026  |  | 0.6839  | 0.0214  |  | 0.0843  | 0.0015  |  | 556  | 94  |  | 524  | 19  |  | 521  | 8  |  | 98  |
| 17 | 60  |  | 212  |  | 0.28  |  | 0.0561  | 0.0020  |  | 0.6731  | 0.0256  |  | 0.0866  | 0.0015  |  | 457  | 78  |  | 523  | 16  |  | 535  | 9  |  | 97  |
| 18 | 131  |  | 484  |  | 0.27  |  | 0.0567  | 0.0013  |  | 0.6583  | 0.0184  |  | 0.0839  | 0.0014  |  | 480  | 50  |  | 514  | 11  |  | 520  | 8  |  | 98  |
| 19 | 52  |  | 196  |  | 0.26  |  | 0.0588  | 0.0019  |  | 0.6785  | 0.0222  |  | 0.0839  | 0.0012  |  | 561  | 72  |  | 526  | 13  |  | 519  | 7  |  | 98  |
| 20 | 104  |  | 399  |  | 0.26  |  | 0.0571  | 0.0017  |  | 0.6597  | 0.0187  |  | 0.0838  | 0.0012  |  | 494  | 67  |  | 514  | 11  |  | 519  | 7  |  | 99  |
| 21 | 42  |  | 165  |  | 0.25  |  | 0.0561  | 0.0021  |  | 0.6539  | 0.0275  |  | 0.0842  | 0.0013  |  | 454  | 116  |  | 511  | 17  |  | 521  | 7  |  | 98  |
| 22 | 51  |  | 234  |  | 0.22  |  | 0.0562  | 0.0023  |  | 0.6546  | 0.0289  |  | 0.0842  | 0.0012  |  | 457  | 91  |  | 511  | 18  |  | 521  | 7  |  | 98  |
| 23 | 81  |  | 362  |  | 0.22  |  | 0.0582  | 0.0015  |  | 0.6761  | 0.0192  |  | 0.0841  | 0.0008  |  | 600  | 59  |  | 524  | 12  |  | 520  | 5  |  | 99  |
| 24 | 54  |  | 254  |  | 0.21  |  | 0.0587  | 0.0021  |  | 0.6821  | 0.0247  |  | 0.0841  | 0.0010  |  | 567  | 78  |  | 528  | 15  |  | 521  | 6  |  | 98  |
| 25 | 30  |  | 118  |  | 0.26  |  | 0.0583  | 0.0033  |  | 0.6711  | 0.0367  |  | 0.0839  | 0.0015  |  | 539  | 122  |  | 521  | 22  |  | 519  | 9  |  | 99  |
| 26 | 74  |  | 325  |  | 0.23  |  | 0.0595  | 0.0021  |  | 0.6873  | 0.0243  |  | 0.0841  | 0.0016  |  | 583  | 78  |  | 531  | 15  |  | 521  | 9  |  | 98  |
| 190629-07 |
| 1 | 43  |  | 156  |  | 0.28  |  | 0.0576  | 0.0034  |  | 0.6847  | 0.0384  |  | 0.0859  | 0.0013  |  | 517  | 85  |  | 530  | 23  |  | 532  | 8  |  | 99  |
| 2 | 34  |  | 128  |  | 0.27  |  | 0.0594  | 0.0024  |  | 0.7059  | 0.0293  |  | 0.0858  | 0.0016  |  | 583  | 119  |  | 542  | 17  |  | 531  | 9  |  | 99  |
| 3 | 40  |  | 189  |  | 0.21  |  | 0.0566  | 0.0027  |  | 0.6742  | 0.0368  |  | 0.0857  | 0.0015  |  | 476  | 106  |  | 523  | 22  |  | 530  | 9  |  | 97  |
| 4 | 51  |  | 166  |  | 0.31  |  | 0.0596  | 0.0029  |  | 0.7054  | 0.0355  |  | 0.0857  | 0.0015  |  | 587  | 92  |  | 542  | 21  |  | 530  | 9  |  | 98  |
| 5 | 56  |  | 252  |  | 0.22  |  | 0.0578  | 0.0017  |  | 0.6853  | 0.0206  |  | 0.0858  | 0.0009  |  | 520  | 67  |  | 530  | 12  |  | 531  | 5  |  | 98  |
| 6 | 71  |  | 191  |  | 0.37  |  | 0.0564  | 0.0026  |  | 0.6638  | 0.0328  |  | 0.0858  | 0.0031  |  | 478  | 104  |  | 517  | 20  |  | 530  | 9  |  | 99  |
| 7 | 27  |  | 122  |  | 0.22  |  | 0.0575  | 0.0043  |  | 0.6816  | 0.0534  |  | 0.0857  | 0.0016  |  | 522  | 94  |  | 528  | 32  |  | 530  | 10  |  | 99  |
| 8 | 43  |  | 192  |  | 0.22  |  | 0.0567  | 0.0027  |  | 0.6725  | 0.0329  |  | 0.0856  | 0.0012  |  | 480  | 106  |  | 522  | 20  |  | 530  | 7  |  | 99  |
| 9 | 105  |  | 249  |  | 0.42  |  | 0.0573  | 0.0021  |  | 0.6759  | 0.0237  |  | 0.0856  | 0.0010  |  | 502  | 81  |  | 524  | 14  |  | 529  | 6  |  | 99  |
| 10 | 65  |  | 158  |  | 0.41  |  | 0.0558  | 0.0022  |  | 0.6544  | 0.0266  |  | 0.0849  | 0.0012  |  | 443  | 87  |  | 511  | 16  |  | 525  | 7  |  | 98  |
| 11 | 85  |  | 234  |  | 0.36  |  | 0.0586  | 0.0026  |  | 0.6896  | 0.0282  |  | 0.0855  | 0.0014  |  | 554  | 101  |  | 533  | 17  |  | 529  | 8  |  | 98  |
| 12 | 80  |  | 207  |  | 0.39  |  | 0.0573  | 0.0026  |  | 0.6810  | 0.0437  |  | 0.0857  | 0.0032  |  | 502  | 100  |  | 527  | 26  |  | 530  | 11  |  | 99  |
| 13 | 65  |  | 278  |  | 0.23  |  | 0.0587  | 0.0020  |  | 0.6935  | 0.0236  |  | 0.0856  | 0.0015  |  | 567  | 72  |  | 535  | 14  |  | 529  | 9  |  | 99  |
| 14 | 39  |  | 192  |  | 0.20  |  | 0.0583  | 0.0029  |  | 0.6889  | 0.0333  |  | 0.0856  | 0.0013  |  | 539  | 94  |  | 532  | 20  |  | 529  | 8  |  | 99  |
| 15 | 35  |  | 156  |  | 0.22  |  | 0.0566  | 0.0027  |  | 0.6497  | 0.0322  |  | 0.0829  | 0.0012  |  | 476  | 112  |  | 508  | 20  |  | 513  | 7  |  | 98  |
| 16 | 91  |  | 214  |  | 0.42  |  | 0.0591  | 0.0034  |  | 0.6991  | 0.0387  |  | 0.0855  | 0.0015  |  | 572  | 89  |  | 538  | 23  |  | 529  | 9  |  | 97  |
| 17 | 158  |  | 442  |  | 0.36  |  | 0.0575  | 0.0016  |  | 0.6811  | 0.0178  |  | 0.0856  | 0.0011  |  | 522  | 61  |  | 527  | 11  |  | 530  | 6  |  | 99  |
| 18 | 71  |  | 289  |  | 0.25  |  | 0.0584  | 0.0025  |  | 0.6898  | 0.0277  |  | 0.0857  | 0.0012  |  | 546  | 94  |  | 533  | 17  |  | 530  | 7  |  | 97  |
| ~~19~~ | ~~110~~  |  | ~~392~~  |  | ~~0.28~~  |  | ~~0.0626~~  | ~~0.0040~~  |  | ~~0.6036~~  | ~~0.0185~~  |  | ~~0.0725~~  | ~~0.0014~~  |  | ~~654~~  | ~~137~~  |  | ~~479~~  | ~~11~~  |  | ~~450~~  | ~~8~~  |  | ~~88~~  |
| 20 | 29  |  | 129  |  | 0.23  |  | 0.0565  | 0.0028  |  | 0.6665  | 0.0330  |  | 0.0854  | 0.0015  |  | 472  | 118  |  | 519  | 20  |  | 528  | 9  |  | 97  |
| 21 | 33  |  | 142  |  | 0.24  |  | 0.0585  | 0.0027  |  | 0.6914  | 0.0309  |  | 0.0856  | 0.0012  |  | 550  | 106  |  | 534  | 19  |  | 529  | 7  |  | 99  |
| 22 | 97  |  | 281  |  | 0.35  |  | 0.0565  | 0.0018  |  | 0.6747  | 0.0237  |  | 0.0859  | 0.0012  |  | 472  | 36  |  | 524  | 14  |  | 531  | 7  |  | 98  |
| Note: Con. = 1-(|(207Pb/235U-206Pb/238U)age|/ (206Pb/238U)age) |